

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007359.D
 Acq On : 10 Dec 2018 15:53
 Operator : SY/AP
 Sample : J6297-03
 Misc : 6.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	121255	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	96816	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44460	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	21804	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
7) Chloroethane-d5	2.89	69	16484	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.01	63	53998	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.28%
20) 2-Butanone-d5	7.07	46	17674	35.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.00%
24) Chloroform-d	7.65	84	74869	26.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.72%
26) 1,2-Dichloroethane-d4	8.31	65	45696	28.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.28%
29) Benzene-d6	8.27	84	148398	28.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.88%
33) 1,2-Dichloropropane-d6	9.27	67	42705	28.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.84%
37) Toluene-d8	10.32	98	141404	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.72%
38) trans-1,3-Dichloropropene-	10.58	79	20159	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.12%
39) 2-Hexanone-d5	10.93	63	14545	40.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35832	26.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	41558	26.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.28%

Target Compounds

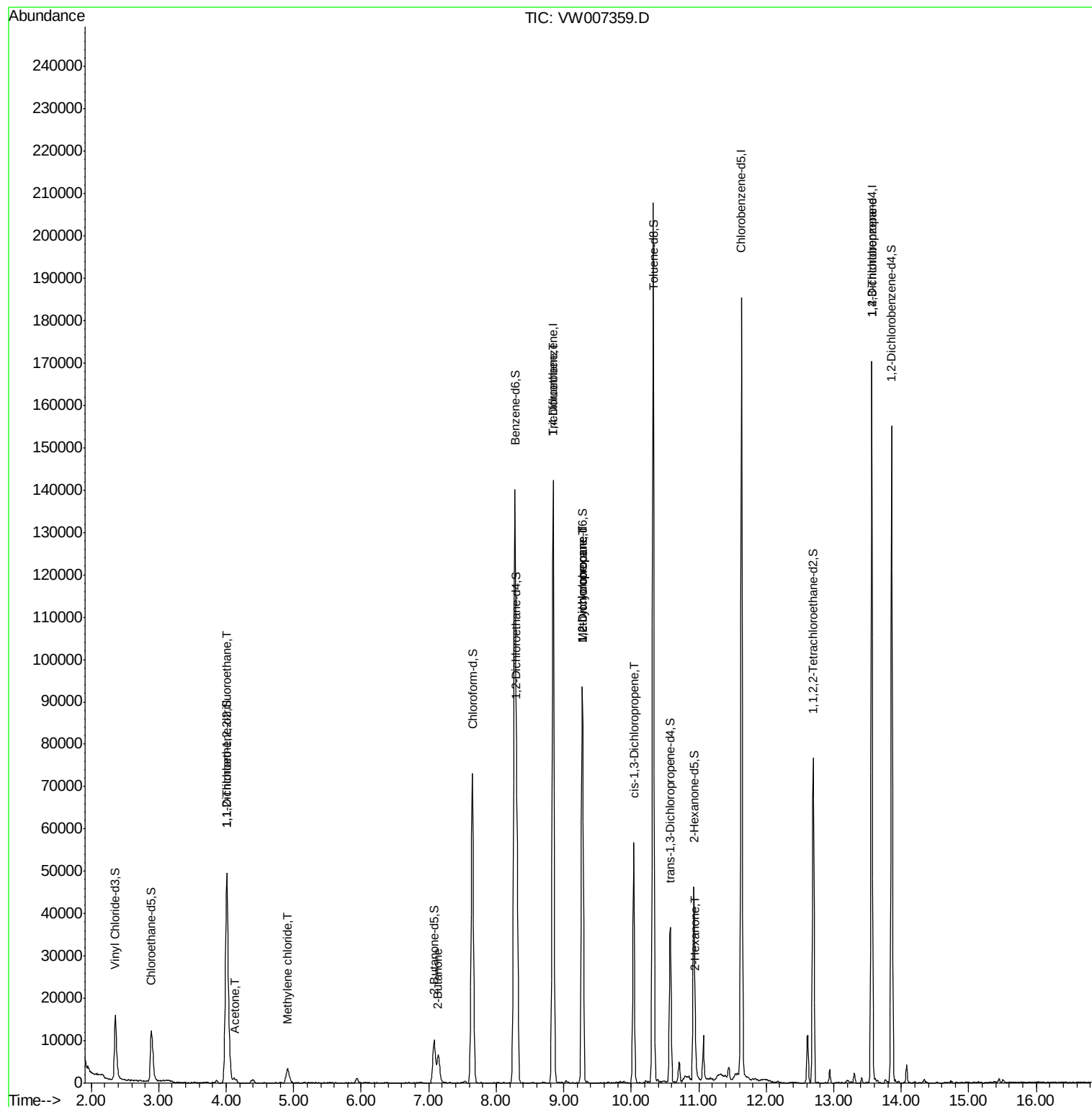
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	499	0.326	ug/L #	17
13) Acetone	4.12	43	1380	2.384	ug/L	72
16) Methylene chloride	4.91	84	3209	1.638	ug/L	92
21) 2-Butanone	7.15	43	2598	4.175	ug/L #	45
35) Trichloroethene	8.84	95	3747	2.355	ug/L #	4
36) Methylcyclohexane	9.27	83	10967	3.992	ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5151	3.795	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1485	0.651	ug/L #	72
49) 2-Hexanone	10.95	43	2540	3.364	ug/L #	36
59) 1,2,3-Trichloropropane	13.56	75	5274	4.808	ug/L	90

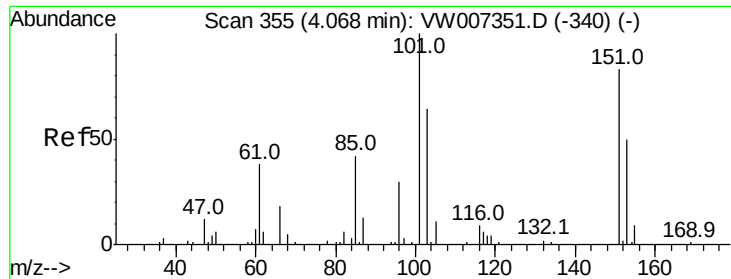
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121018\
Data File : VW007359.D
Acq On : 10 Dec 2018 15:53
Operator : SY/AP
Sample : J6297-03
Misc : 6.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 11 01:21:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.326 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Instrument :

MSVOA_W

ClientSampled :

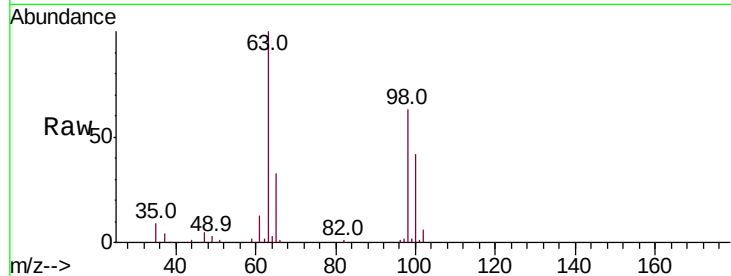
Tot Ion:101 Resp: 499

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

151 0.0 64.8 97.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

250

200

150

100

50

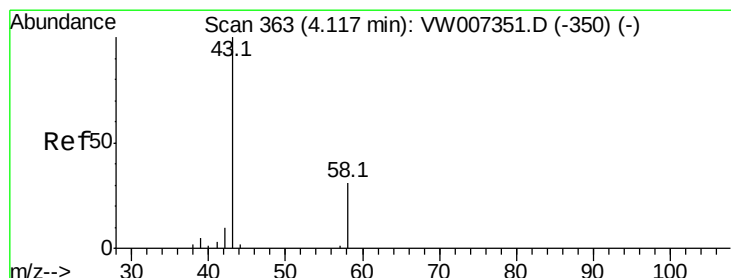
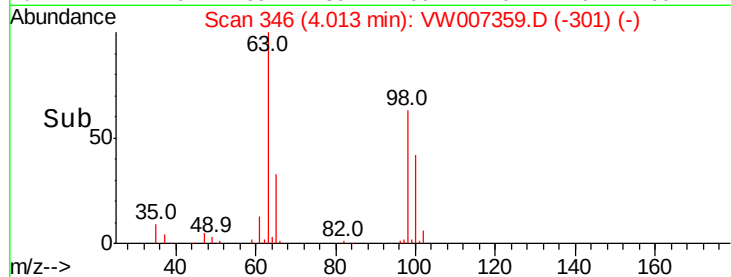
0

4.01

4.00

4.05

Time-->



#13

Acetone

Concen: 2.384 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007359.D

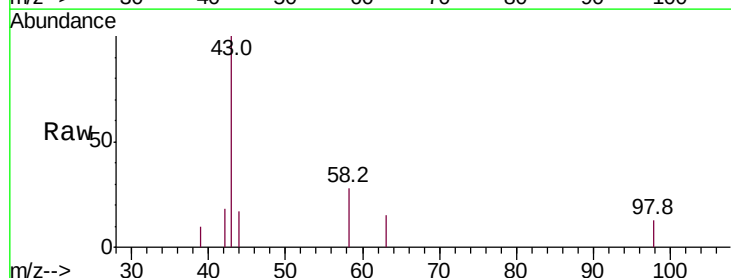
Acq: 10 Dec 2018 15:53

Tgt Ion: 43 Resp: 1380

Ion Ratio Lower Upper

43 100

58 14.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

400

200

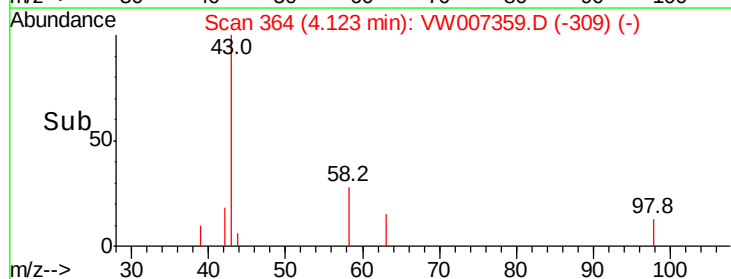
0

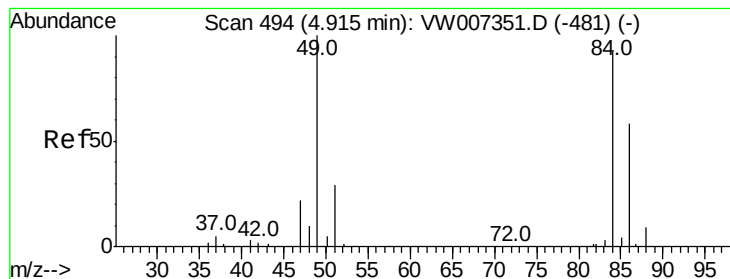
4.12

4.10

4.15

Time-->





#16

Methylene chloride

Concen: 1.638 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Instrument :

MSVOA_W

ClientSampled :

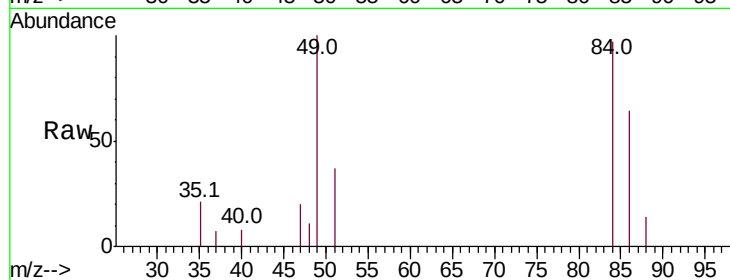
Tot Ion: 84 Resp: 3209

Ion Ratio Lower Upper

84 100

49 103.2 80.8 150.2

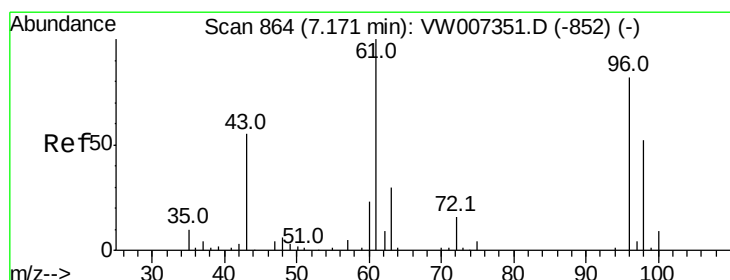
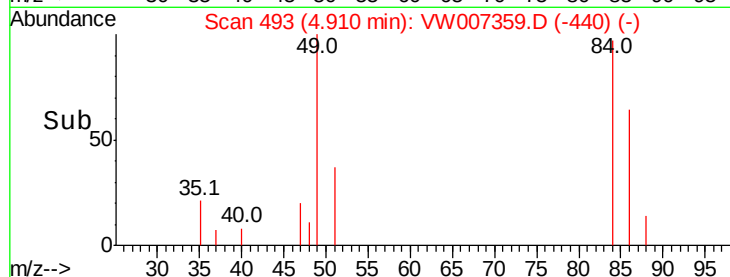
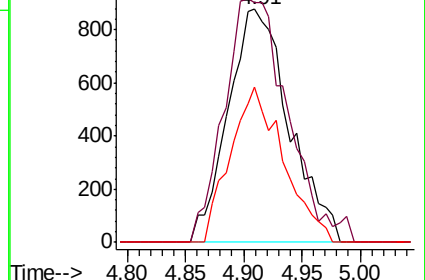
86 66.6 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#21

2-Butanone

Concen: 4.175 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007359.D

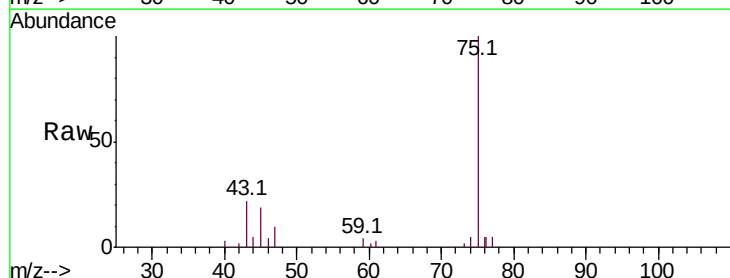
Acq: 10 Dec 2018 15:53

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

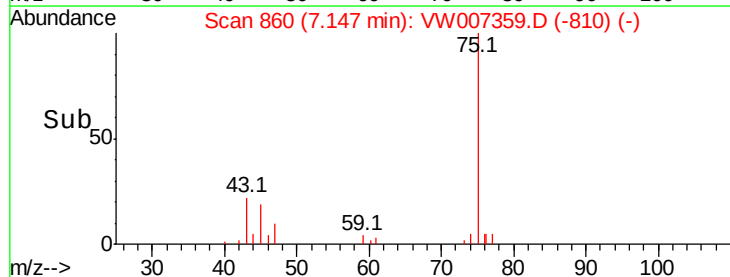
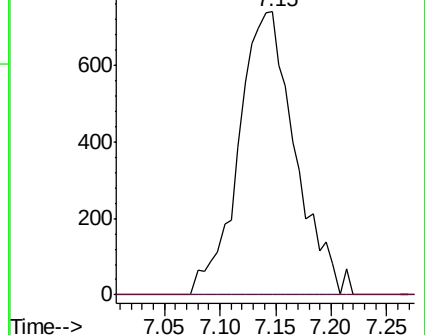
43 100

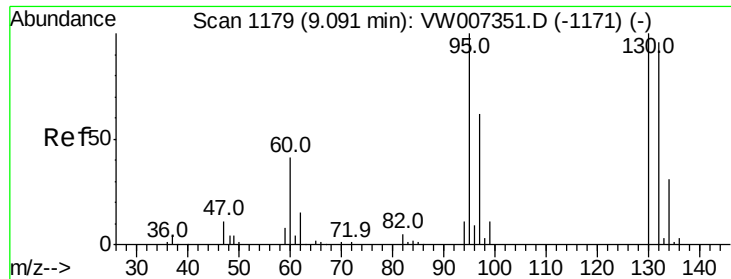
72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#35

Trichloroethene

Concen: 2.355 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3747

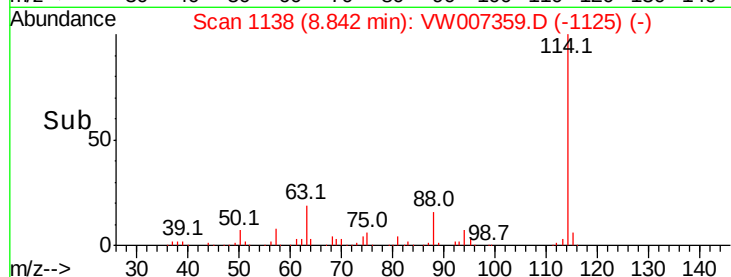
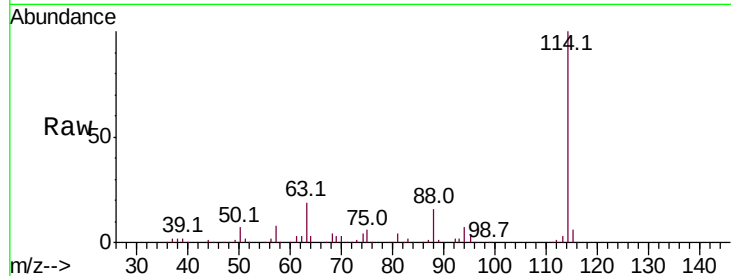
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

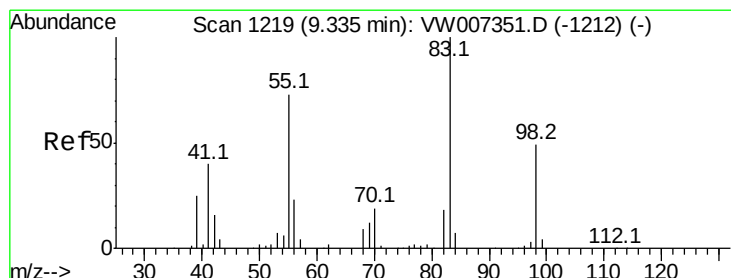
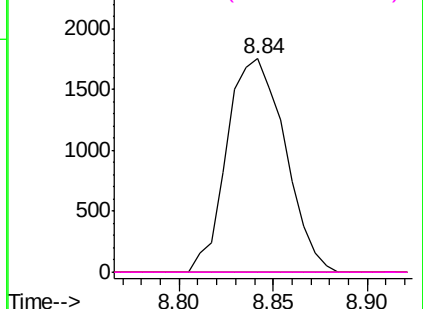


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.992 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

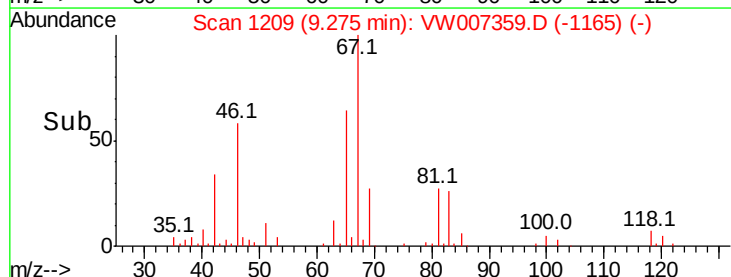
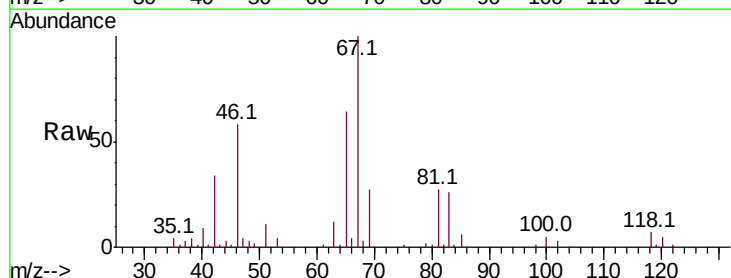
Tgt Ion: 83 Resp: 10967

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

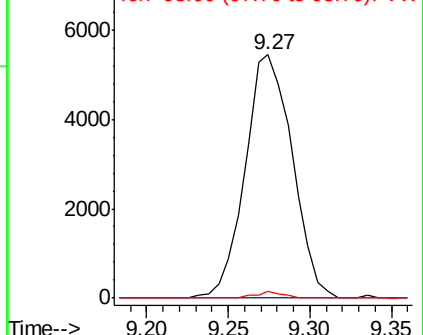
98 1.4 38.1 57.1#

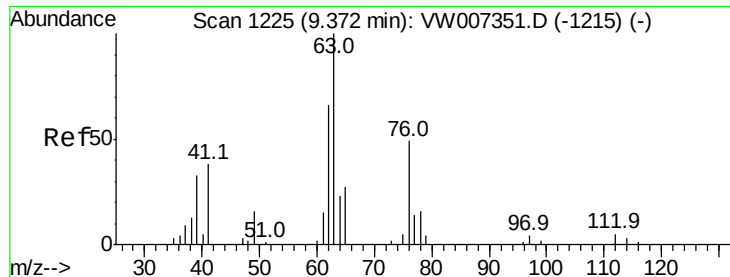


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.795 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Instrument :

MSVOA_W

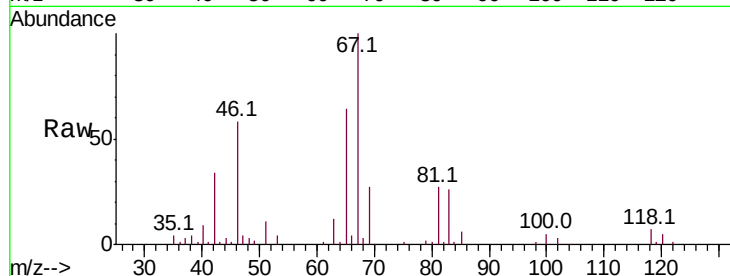
ClientSampled :

Tot Ion: 63 Resp: 5151

Ion Ratio Lower Upper

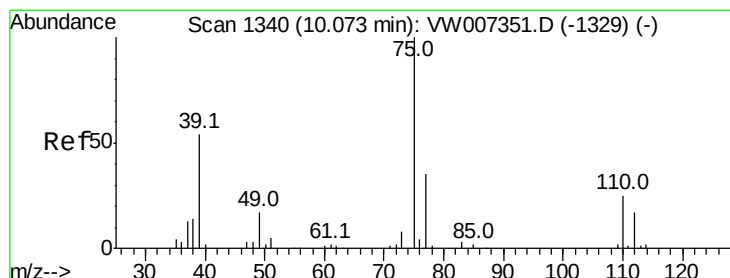
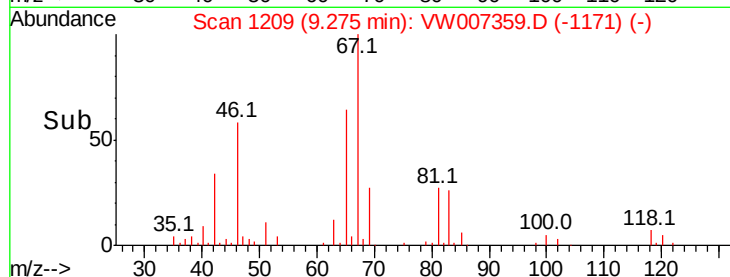
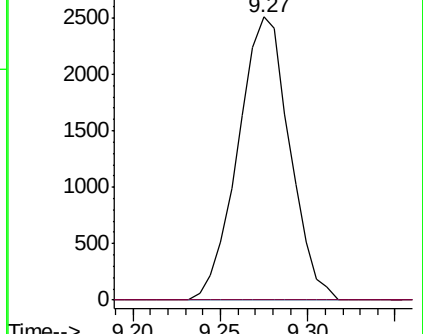
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007359.D

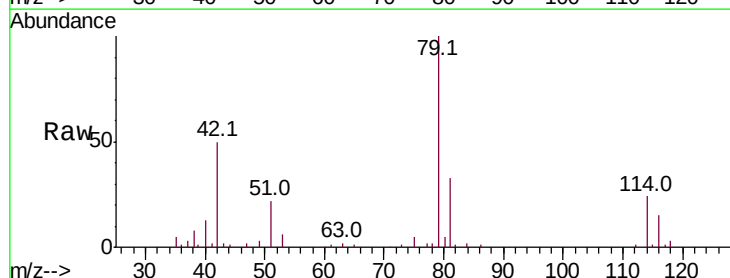
Acq: 10 Dec 2018 15:53

Tgt Ion: 75 Resp: 1485

Ion Ratio Lower Upper

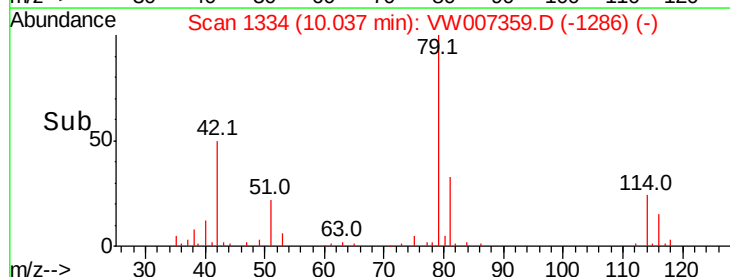
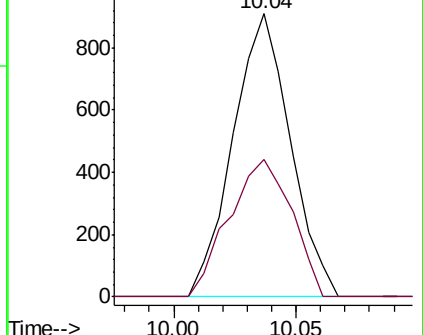
75 100

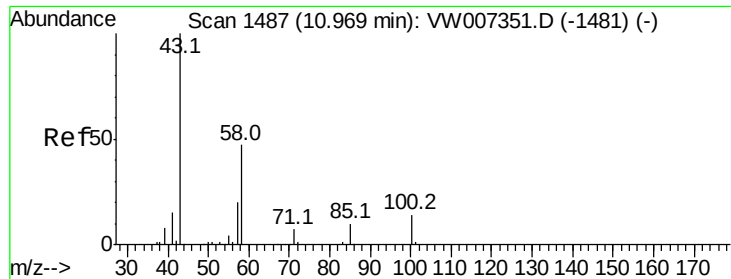
77 48.4 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.364 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 2540

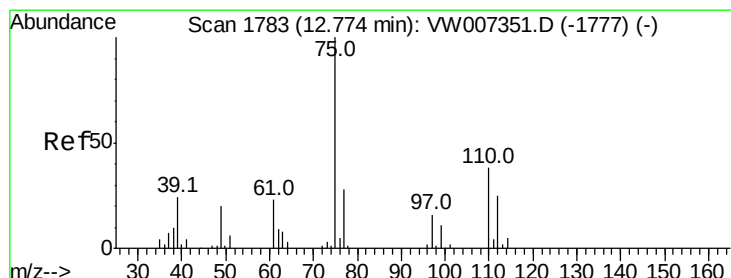
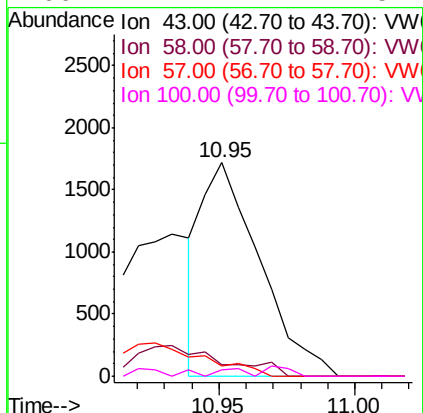
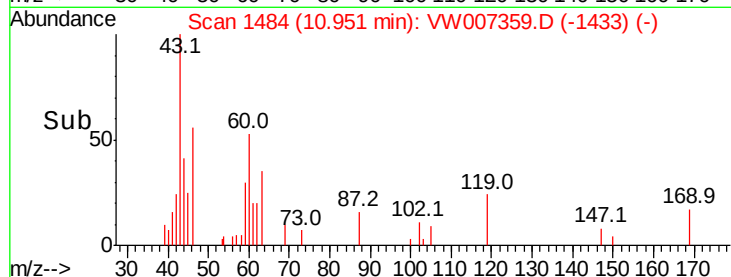
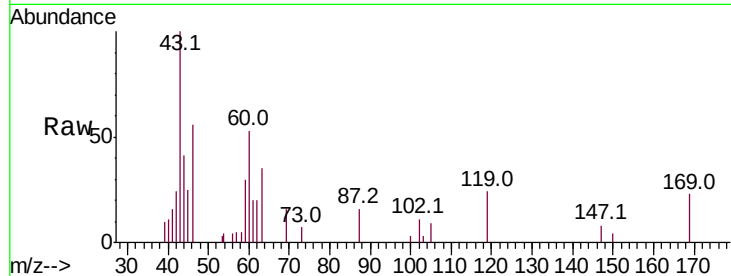
Ion Ratio Lower Upper

43 100

58 0.0 47.2 70.8#

57 0.0 17.6 26.4#

100 1.7 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 4.808 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007359.D

Acq: 10 Dec 2018 15:53

Tgt Ion: 75 Resp: 5274

Ion Ratio Lower Upper

75 100

77 38.8 26.5 39.7

